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JC01 Rec'd PCT/PTO 12 AUG 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.: 10/533,654	Confirmation No.: Unknown
Applicant: Brown <i>et al.</i>	PCT Appl. No.: PCT/SE03/01707
National Phase Fld (371): May 4, 2005	PCT Filed: November 5, 2003
Docket No.: 100883-1P US	TC/A.U.: Unknown
Customer No.: 22466	Examiner: Unknown
Title: 4(Phenyl-Piperazinyl-Methyl) Benzamide Derivatives and Their Use for the Treatment of Pain or Gastrointestinal Disorders	

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Applicants submit herewith a list of patents and publications for which there may be a duty to disclose in accordance with 37 C.F.R. § 1.56.

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO/SB/08A and SB/08B forms.

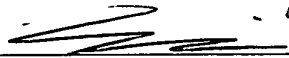
Applicants also wish to make the Examiner aware of co-pending applications:

10/714447, filed on Nov. 17, 2003;
10/477642, a PCT national phase filed on May 16, 2002; and
10/533764, a PCT national phase filed on November 5, 2003; and
10/533744, a PCT national phase filed on November 5, 2003.

In accordance with 37 C.F.R. §§ 1.97 (g) and (h), the filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made or that the information cited is material to patentability as defined in 37 C.F.R. § 1.56.

This Information Disclosure Statement is being filed before the mailing date of a first office action on the merits and therefore, pursuant to 37 C.F.R. § 1.97(b), no fee is required pursuant to 37 C.F.R. § 1.17(p).

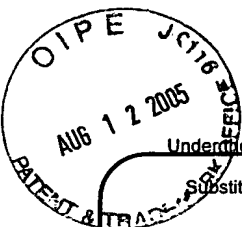
Respectfully submitted,



Jianzhong Shen
Reg. No.48,076
302-886-8854

Dated: *Aug. 10, 2005*

Enclosures: Forms SB/08A and SB/08B
References (50)



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

of

9

Complete if Known

Application Number	10/533,654
Filing Date	05/04/2005
First Named Inventor	William Brown
Art Unit	
Examiner Name	
Attorney Docket Number	100883-1P US

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1	US- 3,940,386	02/24/1976	Szabo et al.	
	A2	US- 5,574,159	11/12/1996	Chang et al.	
	A3	US- 5,681,830	10/28/1997	Chang et al.	
	A4	US- 5,807,858	09/15/1998	Chang et al.	
	A5	US- 5,854,249	12/29/1998	Chang et al.	
	A6	US- 6,130,222	10/10/2000	Roberts et al.	
	A7	US- 6,680,318	01/20/2004	Brown et al.	
	A8	US- 6,680,321	01/20/2004	Roberts et al.	
	A9	US- 6,696,447	02/24/2004	Brown et al.	
	A10	US- 6,784,181	08/31/2004	Brown et al.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	B1	WO 86/04584	08/14/1986	Aktiebolaget Leo		
	B2	WO 91/07967	06/13/1991	Janssen		
	B3	WO 01/74805	10/11/2001	AstraZeneca AB		
	B4	WO 93/15062	08/05/1993	The Wellcome		
	B5	WO 97/23466	07/03/1997	Astra Pharma Inc.		

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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(Use as many sheets as necessary)

Sheet	2	of	9
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	B6	WO 95/04051	02/09/1995	The Wellcome		
	B7	WO 98/28270	07/02/1998	Astra Aktiebolag		
	B8	WO 98/28275	07/02/1998	Astra Aktiebolag		
	B9	WO 99/33806	07/08/1999	Ortho-McNeil		
	B10	EP 0289227	11/02/1988	Syntex		

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Approved for use through 07/31/2006. OMB 0651-0031

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Art Unit

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U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

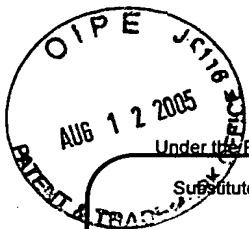
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	B11	EP 0283310	09/21/1988	Sankyo Company		
	B12	EP 0166302	01/02/1986	Polindustria		
	B13	EP 0133323	02/20/1985	The Wellcome		
	B14	GB 2210366	06/07/1989	American Home		
	B15	GB 2076403	12/02/1981	Selvi & C.S.p.A.		

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Sheet 4 of 9

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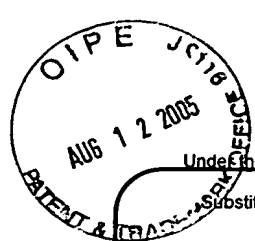
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	B16	FR 2696744	04/15/1994	Laboratoires		
	B17	DE 2431178	01/16/1975	Cermol S.A.		
	B18	DE 2900810	07/24/1980	Cassella AG		
	B19	JP 7-138230	05/30/1995			
	B20	WO 97/23466	07/03/1997	Astra Aktiebolag		

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Sheet 5 of 9**Complete if Known**

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U. S. PATENT DOCUMENTS

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		US-			
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FOREIGN PATENT DOCUMENTS

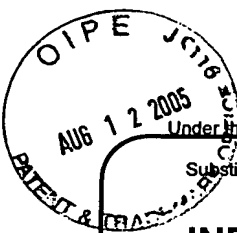
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	B21	WO 92/04338	03/19/1992	The Up-John Co.		
	B22	EP 0624584	08/19/1998	Daiichi		
	B23	WO 02/094794	11/28/2002	AstraZeneca AB		
	B24	WO 01/45637	06/28/2001	AstraZeneca AB		
	B25	WO 01/46174	06/28/2001	AstraZeneca AB		

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Sheet 6 of 9**Complete if Known**

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FOREIGN PATENT DOCUMENTS

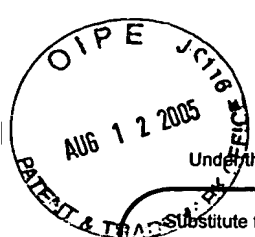
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	B26	WO 2005/066148	07/21/2005	AstraZeneca AB		
	B27	WO 2004/041801	05/21/2004	AstraZeneca AB		
	B28	WO 2004/041800	05/21/2004	AstraZeneca AB		
	B29	WO 03/029215	04/10/2003	AstraZeneca AB		

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First Named Inventor	William Brown
Art Unit	
Examiner Name	
Attorney Docket Number	100883-1P US

Sheet 7 of 9

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C1	Bilsky et al., "SNC 80, A Selective, Nonpeptidic and Systemically Active Opioid Delta Agonist," J. Pharmacol. Experi. Ther. 273:359-366 (1995)	
	C2	Takemori et al., "Selective Naltrexone-Driven Opioid Receptor Antagonists," Annu. Rev. Pharmacol. Toxicol. 32:239-269 (1992)	
	C3	Bilsky et al., "Characterization of Enantiomers of (+) BW373U86 and Related Compounds: Highly Selective Non-Peptidic Delta Opioid Agonists," Reg. Peptides 54:25-26 (1994)	
	C4	Calderon et al., "Probes for Narcotic Receptor Mediated Phenomena. 19. Synthesis of ... Opioid Receptor Agonist," J. Med. Chem. 37:2125-2128 (1994)	
	C5	Calderon et al., "Probes for Narcotic Receptor Mediated Phenomena. 23. Synthesis ... Opioid Receptor Ligands," J. Med. Chem. 40:695-704 (1997)	
	C6	Chang et al., "A Novel, Potent and Selective Nonpeptidic Delta Opioid Receptor Agonist BW373U86," J. Pharmacol. Experi. Therap. 267:852-857 (1993)	
	C7	Katritzky et al., "Benzotriazole-Mediated Arylalkylation and Heteroarylalkylation," Chem. Soc. Rev. 23:363-373 (1994)	
	C8	Kingsbury et al., "Synthesis of Structural Analogs of Leukotriene B and their Receptor Binding Activity," J. Med. Chem. 36:3308-3320 (1993)	
	C9	Lopez et al., "Exploring the Structure-Activity Relationships... Opioid Receptor Nonpeptide Agonist Ligand," J. Med. Chem. 42:5359-5368 (1999)	
	C10	Plobeck et al., "New Diarylmethylpiperazines as Potent and Selective Nonpeptidic Opioid Receptor Agonists with Increased In Vitro Metabolic Stability," J. Med. Chem. 43:3878-3894 (2000)	

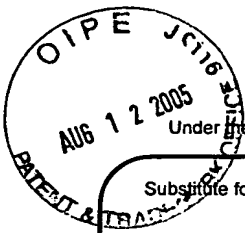
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Filing Date	05/04/2005
First Named Inventor	William Brown
Art Unit	
Examiner Name	
Attorney Docket Number	100883-1P US

Sheet

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of

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C11	Suggs et al., "Facile Synthesis fo 8-Substituted Quinolines," J. Org. Chem., 45:1514-1515 (1980)	
	C12	Zhang et al., "Probes for Narcotic Receptor Mediated Phenomena. 26. Synthesis ... Opioid Receptor Ligands," J. Med. Chem. 42:5455-5463 (1999)	
	C13	English Abstract for Reference B16 on PTO/SB/08A, Page 4	
	C14	English Abstract for Reference B17 on PTO/SB/08A, Page 4	
	C15	English Abstract for Reference B18 on PTO/SB/08A, Page 4	
	C16	English Abstract for Reference B19 on PTO/SB/08A, Page 4	
	C17	Burkey et al., "The Efficacy of Delta-Opioid Receptor-Selective Drugs," Medline Abstract for Life Sci. 62:1531-1536 (1998)	
	C18	Nagase et al., "The Pharmacological Profile of Delta Opioid Receptor Ligands, (+) and (-) TAN-67 on Pain Modulation," Medline Abstract for Life Sci. 68:2227-2231 (2001)	
	C19	Green, "Protective Groups in Organic Synthesis," pgs. 267-268 and 331 (1981)	
	C20	Abstract for HU 217619. A corresponding English language PCT application is cited as Reference B1 listed on PTO/SB/08A, Page 1	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

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of

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Application Number

Complete if Known

10/533.654

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05/04/2005

First Named Inventor

William Brown

Art Unit

Examiner Name

Attorney Docket Number

100883-1P US

NON PATENT LITERATURE DOCUMENTS

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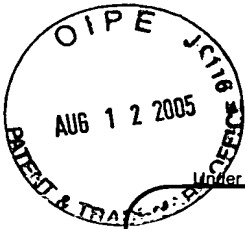
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TRANSMITTAL FORM

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Total Number of Pages in This Submission 12

Application Number	10/533,654
Filing Date	May 4, 2005
First Named Inventor	Brown
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	100883-1P US

ENCLOSURES (Check all that apply)

- | | | |
|--|--|--|
| <input type="checkbox"/> Fee Transmittal Form
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<input type="checkbox"/> Affidavits/declaration(s)
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<input checked="" type="checkbox"/> Information Disclosure Statement

<input type="checkbox"/> Certified Copy of Priority Document(s)
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<input type="checkbox"/> Petition
<input type="checkbox"/> Petition to Convert to a Provisional Application
<input type="checkbox"/> Power of Attorney, Revocation
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name			
Signature			
Printed name	Jianzhong Shen		
Date	Aug. 10, 2005	Reg. No.	48,076

CERTIFICATE OF TRANSMISSION/MAILING

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